

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application)	<u>PATENT</u>
Inventors: Thieret)	
Application No.: 10/756,172)	
Filed Date: January 12, 2004)	
Patent No.: 7,120,283)	
Issue Date: October 10, 2006)	
Title: METHODS AND APPARATUS FOR BACK- PROJECTION AND FORWARD PROJECTION)	Customer No.: 28554

POWER OF ATTORNEY (REVOCAION OF PRIOR POWERS)
AND STATEMENT UNDER 37 C.F.R. 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby revoke all previous powers of attorney or authorizations of agents given in the above-identified patent.

I hereby appoint all attorneys and agents associated with **Customer Number 28554**, as our attorneys or agents to prosecute the application/patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified patent to the address associated with **Customer Number 28554**.

Please direct any telephone calls to Burt Magen at (415) 369-9660.

PME IP Australia Pty Ltd. is the assignee of the entire right, title and interest in the above-identified patent. I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent identified above from the inventors to the assignee which:

_____ is filed for recordation herewith; or
_____ was recorded at Reel _____, Frames _____; or
 X a copy is attached herewith.

The undersigned is authorized to sign this document on behalf of the assignee.

Signature: _____
Date: 26/3/2009
Name: Anthony Hall
Title: Chief Technical Officer

ASSIGNMENT

WHEREAS, we, Scott A. Thieret, of 28 Nightingale Road, Nashua, NH 03062, Valeri Kotlov, of 11 Saw Mill Brook Way, Woburn, MA 01801, Joseph Goddard, of 72A Proctor Street, Salem, MA 01970, and Ari P. Berman, of 60 North Street, Lexington, MA 02420, having invented certain new and useful improvements in IMPROVED METHODS AND APPARATUS FOR BACK-PROJECTION AND FORWARD-PROJECTION, for which we have made application for United States Letters Patent, said application filed January 12, 2004 and accorded U.S. Serial No. 10/756,172; and



WHEREAS, Mercury Computer Systems, Inc., a Massachusetts corporation, having a place of business at 199 Riverneck Road, Chelmsford, Massachusetts 01824, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, we do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at	
<u>CHELSEA MA</u> (City, State)	this <u>24</u> day of <u>MAY</u> , 20 <u>04</u> (Day) (Month) (year)
	 Scott A. Thieret
STATE OF <u>MASSACHUSETTS</u>	SS.
COUNTY OF <u>MIDDLESEX</u>	
Before me this <u>24</u> day of <u>MAY</u> , 20 <u>04</u> , personally appeared Scott A. Thieret known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.	
	 NOTARY PUBLIC
[Notary's Seal Here]	My Commission Expires: <u>JULY 29, 2005</u>

IN WITNESS WHEREOF, I hereto set my hand and seal at

Chelmsford, MA this 27 day of May, 2004.
(City, State) (Day) (Month) (year)

Valeri Kotlov
Valeri Kotlov

STATE OF MASSACHUSETTS

SS.

COUNTY OF MIDDLESEX

Before me this 27 day of May, 2004, personally appeared Valeri Kotlov known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....James X. Benvenuti.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: July 29, 2005

IN WITNESS WHEREOF, I hereto set my hand and seal at

Chelmsford, Mass^{ts} this 27th day of May, 2004.
(City, State) (Day) (Month) (year)

Joseph Goddard
Joseph Goddard

STATE OF MASSACHUSETTS

SS.

COUNTY OF MIDDLESEX

Before me this 27 day of May, 2004, personally appeared Joseph Goddard known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

.....James X. Benvenuti.....
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: July 29, 2005

IN WITNESS WHEREOF, I hereto set my hand and seal at

Chelmsford MA this 27 day of May, 2004.
(City, State) (Day) (Month) (year)

Ari P. Berman
Ari P. Berman

STATE OF MASSACHUSETTS

SS.

COUNTY OF MIDDLESEX

Before me this 27 day of MAY, 2004, personally appeared Ari P. Berman known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

James X. Benfante
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: July 25, 2005

ASSIGNMENT OF PATENTS

This Assignment of Patents is made this 27th day of January, 2009, by Mercury Computer Systems, Inc., a Massachusetts corporation ("Mercury"), whose principal place of business is located at 201 Riverneck Road, Chelmsford, MA 01824-2820, in favor of PME IP Australia Pty Ltd., an Australia company (ACN 134 964 953) ("Buyer"), whose principal place of business is located at 450 Swan Street, Richmond, 3121, Victoria Australia.

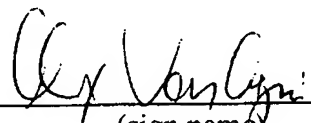
Mercury and Buyer have entered into an Agreement to Transfer the Visage Imaging Business of Mercury Computer Systems, Inc. to Pro Medicus Limited dated January 27, 2009, pursuant to which Buyer purchases from Mercury, and Mercury sells to Buyer, specified assets of Mercury including, without limitation, the patents and patent applications listed on Schedule A to this Assignment (collectively, the "Patents").

For good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by Mercury, Mercury does hereby sell, convey, assign, transfer, and deliver to Buyer and Buyer's successors and assigns, all of Mercury's right, title, and interest in the Patents, and any claims arising from infringement of the Patents irrespective of when accrued.

IN WITNESS WHEREOF, this Assignment has been executed to be effective as of the date first above written.

"MERCURY"

Mercury Computer Systems, Inc.,
a Massachusetts corporation

By: 
(sign name)

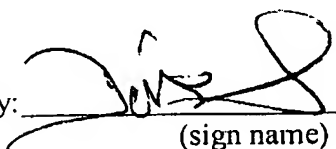
ALEX A. VAN ADZIN
(print name and title)

V. P., GENERAL COUNSEL,
AND CORPORATION SECRETARY

ACCEPTED BY:

"BUYER"

PME IP Australia Pty Ltd,
an Australian company

By: 
(sign name)

DAVID CHAMBERS, C.F.O.
(print name and title)

COMMONWEALTH OF MASSACHUSETTS)

) ss.
COUNTY OF Suffolk)

On Jan. 27, 2009, before me, personally appeared Alex A. Van Halbein personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

B. Ignatius Glickerman
My Commission Expires 12/26/2014

COMMONWEALTH OF MASSACHUSETTS)

) ss.
COUNTY OF Suffolk)

On Jan. 28, 2009, before me, personally appeared David Chambers, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

B. Ignatius Glickerman
My Commission Expires 12/26/2014

Schedule A

[Add List of Patents from Schedule 3.25 of the Purchase Agreement]

SCHEDULE A - PATENTS

TITLE	INVENTORS	TYPE	SERIAL NUMBER	DATE FILED	PRIORITY DATA
1. METHODS AND APPARATUS FOR BACK-PROJECTION AND FORWARD PROJECTION	Scott A. Thieret Joseph Goddard Ari P. Berman Valeri M. Kotlov	US	10/756,172 Patent No. 7,120,283	1/12/04	
		US Con	11/544,457	10/09/06	10756,172 (1/12/04)
		PCT	PCT/US 05/00837	1/12/05	10756,172 (1/12/04)
2. MUTUAL INFORMATION BASED REGISTRATION OF 3D-IMAGE VOLUMES ON GPU USING NOVEL ACCELERATED METHODS OF HISTOGRAM COMPUTATION	Detlev Stalling Malte Westerhoff	US Prov	60/639,446	12/23/04	
		US Prov	60/641,686	1/6/05	
		US	11/312,837	12/20/05	60/639,446 (12/23/04) 60/641,686 (1/6/05)
3. METHODS AND APPARATUS FOR VISUALIZING THREE-DIMENSIONAL AND HIGHER-DIMENSIONAL IMAGE DATA SETS	Malte Westerhoff Detlev Stalling Scott A. Thieret	US Prov	60/623,411	10/29/04	
		US	11/263,577	10/31/05	60/623,411 (10/29/04)
4. METHODS AND APPARATUS FOR RECONSTRUCTION OF 3D-IMAGE VOLUMES FROM PROJECTION IMAGES	Detlev Stalling Malte Westerhoff Martin Seebass Kubis Ralf	US Prov	60/623,410	10/29/04	
		US	11/263,568	10/31/05	60/623,410 (10/29/04) 10756,172 (1/12/04)

SCHEDULE A - PATENTS

TITLE	INVENTORS	TYPE	SERIAL NUMBER	DATE FILED	PRIORITY DATA
5. METHODS OF RECONSTRUCTING COMPUTED TOMOGRAPHY (CT) VOLUMES SUITABLE FOR EXECUTION ON COMMODITY CENTRAL PROCESSING UNITS (CPUS) AND GRAPHICS PROCESSORS AND APPARATUS OPERATING IN ACCORD WITH THOSE METHODS (ROTATIONAL X-RAYON GPUS)	Ari P. Berman Scott A. Thieret Joseph Goddard	US Prov	60/624,465	11/2/04	60/624,465 (11/2/04)
6. MULTI-USER/MULTI-GPU RENDER SERVER APPARATUS AND METHODS	Malte Westerhoff Detlev Stalling	US Prov	60/989,881	11/23/07	60/989,881 (11/23/07)
		US	12/275,421	11/21/08	60/989,881 (11/23/07)
		PCT	PCT/US08/084382	11/21/08	60/989,881 (11/23/07)
7. FAST FILE SERVER METHODS AND SYSTEMS	Malte Westerhoff Detlev Stalling	US	11/845,511	8/27/07	11/845,511 (8/27/07)
		PCT	PCT/US08/074397	8/27/08	11/845,511 (8/27/07)
8. CLIENT-SERVER VISUALIZATION SYSTEM WITH HYBRID DATA PROCESSING	Malte Westerhoff Detlev Stalling	US Prov	60/989,913	11/23/07	60/989,913 (11/23/07)
		US	12/275,834	11/21/08	60/989,913 (11/23/07)
		PCT	PCT/US08/084368	11/21/08	60/989,913 (11/23/07)
9. AUTOMATIC IMAGE SEGMENTATION METHODS AND APPARATUS	Malte Westerhoff Detlev Stalling Martin Seebass	US Prov	60/989,915	11/23/07	60/989,915 (11/23/07)
		US	12/275,862	11/21/08	60/989,915 (11/23/07)
		PCT	PCT/US08/084376	11/21/08	60/989,915 (11/23/07)